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IN THE CLAIMS

*The status of the claims as presently amended is as follows:*

1-10. (Canceled)

11. (Currently Amended) A method for manufacturing a perpendicular magnetic recording medium comprising:

~~preparing~~ providing a nonmagnetic substrate;

forming a nonmagnetic underlayer on the substrate;

forming a magnetic recording layer mainly composed of an alloy comprising FePt or CoPt including a region of L10-type ordered lattice on the underlayer by laminating alternately an iron or cobalt layer having thickness in a range of 0.1 nm to 0.3 nm and a platinum layer having thickness in a range of 0.15 nm to 0.35 nm, repetitively by using alternately a target of Fe or Co and a target of Pt; and

forming a protective layer on the magnetic recording layer, and

forming a liquid lubricant layer on the protective layer.

12. (Original) A method for manufacturing a perpendicular magnetic recording medium according to claim 11, wherein the magnetic recording layer is formed by means of a DC magnetron sputtering method.

13. (Original) A method for manufacturing a perpendicular magnetic recording medium according to claim 11 further comprising a step of heating at a temperature lower or equal to 400°C after the step of forming the magnetic recording layer.

14. (Original) A method for manufacturing a perpendicular magnetic recording medium according to claim 11, wherein a temperature of the substrate in the step of forming the magnetic recording layer is lower or equal to 400°C.

15. (Currently Amended) A method for manufacturing a perpendicular magnetic recording medium according to claim 11, wherein forming the magnetic layer comprises using deposition from the alternating targets.

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16. (*Currently Amended*) A method for manufacturing a perpendicular magnetic recording medium according to claim 12, wherein forming the magnetic layer comprises sputtering from the alternating targets.

17. (*Currently Amended*) A method for manufacturing a perpendicular magnetic recording medium according to claim 12, wherein forming the magnetic layer comprises sputtering from a rotary cathode composed of Pt and ~~one of Co and~~ or Fe.